AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

- 1. (Currently Amended) A vehicle air bag for use with an on-board inflator mechanism, said vehicle air bag having at least one panel of air bag fabric, said fabric comprising:
 - a fabric substrate; and
- a residue formed on said fabric substrate by dipping said fabric substrate in an aqueous solution so as to achieve a desired low permeability, the aqueous solution comprising a water-based finish comprising a halogenated polymer, a polyurethane, an acrylic, a polyvinyl acetate, a flame retardant or mixtures thereof.
- 2. (Original) The vehicle air bag as recited in claim 1, wherein said residue bonds with said fabric substrate.
- 3. (Original) The vehicle air bag as recited in claim 1, wherein said fabric substrate is dipped multiple times in said aqueous solution to lower permeability.
- 4. (Original) The vehicle air bag as recited in claim 1, wherein the permeability of said fabric substrate is adjusted by varying the concentration of said aqueous solution.
- 5. (Original) The vehicle air bag as recited in claim 1, wherein said fabric substrate is a multifilament yarn having a size of between 210 and 840 denier.
- 6. (Original) The vehicle air bag as recited in claim 5, wherein said fabric substrate has a size of approximately 210 denier and a thread count range of between 64 and 74.
- 7. (Original) The vehicle air bag as recited in claim 5, wherein said fabric substrate has a size of approximately 315 denier and a thread count range of between 55 and 65.

- 8. (Original) The vehicle air bag as recited in claim 5, wherein said fabric substrate has a size of approximately 420 denier and a thread count range of between 42 and 52.
- 9. (Original) The vehicle air bag as recited in claim 5, wherein said fabric substrate has a size of approximately 525 denier and a thread count range of between 36 and 46.
- 10. (Original) The vehicle air bag as recited in claim 5, wherein said fabric substrate has a size of approximately 630 denier and a thread count range of between 33 and 43.
- 11. (Original) The vehicle air bag as recited in claim 5, wherein said fabric substrate has a size of approximately 840 denier and a thread count range of between 15 and 25.
- 12. (Withdrawn) A system for adjusting the permeability of a fabric for use in a motor vehicle air bag, said system comprising:

a bath having an aqueous solution and being dimensioned to receive a fabric substrate such that the fabric substrate may be fully immersed in said aqueous solution;

a tenter oven for drying said fabric upon exiting from said bath;

means for conveying said fabric from said bath and to said drying device;

and

whereby said aqueous solution forms a residue on said fabric substrate to achieve a desired permeability.

- 13. (Withdrawn) The system as recited in claim 12, wherein said conveying means passes the fabric substrate through said bath and said tenter oven at least two times to achieve a lower permeability.
- 14. (Withdrawn) A method for adjusting the permeability of a fabric for use in a motor vehicle air bag, said method comprising the steps of: (a) dipping a fabric substrate in an aqueous solution; (b) conveying said fabric substrate to a drying device;

- and (c) drying said fabric substrate sufficiently to evaporate the water component of said aqueous solution so that a residue is formed on said fabric substrate.
- 15. (Withdrawn) The method as recited in claim 14, wherein steps (a), (b) and (c) are performed multiple times to achieve a lower permeability for said fabric substrate.
- 16. (Withdrawn) The method as recited in claim 14, wherein the concentration of said aqueous solution is adjusted to control the permeability of said fabric substrate.
- 17. (Withdrawn) The method as recited in claim 16, wherein the concentration of said aqueous solution is increased to lower permeability of said fabric substrate.
- 18. (Withdrawn) The system as recited in claim 16, wherein said aqueous solution is an aliphatic urethane.
- 19. (Withdrawn) The system as recited in claim 14, wherein said aqueous solution comprises a halogenated polymer.
- 20. (Withdrawn) The system as recited in claim 14, wherein said aqueous solution comprises a film forming rubber polymer.
- 21. (Currently Amended) A vehicle air bag for use with an on-board inflator mechanism, said vehicle air bag having at least one panel of air bag fabric, said fabric comprising:
 - a fabric substrate; and
- a residue formed on said fabric substrate by application of an aqueous solution to said fabric substrate so as to achieve a desired low permeability, the aqueous solution comprising a water-based finish comprising a halogenated polymer, a polyurethane, an acrylic, a polyvinyl acetate, a flame retardant or mixtures thereof.
- 22. (Previously Presented) The vehicle air bag as recited in claim 21, wherein said residue bonds with said fabric substrate.
- 23. (Previously Presented) The vehicle air bag as recited in claim 21, wherein the permeability of said fabric substrate is adjusted by varying the concentration of said aqueous solution.

- 24. (Previously Presented)The vehicle air bag as recited in claim 21, wherein said fabric substrate is a multifilament yarn having a size of between 210 and 840 denier.
- 25. (Previously Presented) The vehicle air bag as recited in claim 24, wherein said fabric substrate has a size of approximately 210 denier and a thread count range of between 64 and 74.
- 26. (Previously Presented) The vehicle air bag as recited in claim 24, wherein said fabric substrate has a size of approximately 315 denier and a thread count range of between 55 and 65.
- 27. (Previously Presented) The vehicle air bag as recited in claim 24, wherein said fabric substrate has a size of approximately 420 denier and a thread count range of between 42 and 52.
- 28. (Previously Presented) The vehicle air bag as recited in claim 24, wherein said fabric substrate has a size of approximately 525 denier and a thread count range of between 36 and 46.
- 29. (Previously Presented) The vehicle air bag as recited in claim 24, wherein said fabric substrate has a size of approximately 630 denier and a thread count range of between 33 and 43.
- 30. (Previously Presented) The vehicle air bag as recited in claim 24, wherein said fabric substrate has a size of approximately 840 denier and a thread count range of between 15 and 25.
- 31. (New) A vehicle air bag as defined in claim 1, wherein the aqueous solution further comprises a plasticizer.
- 32. (New) A vehicle air-bag as defined in claim 31, wherein the aqueous solution further comprises a surfactant.
- 33. (New) A vehicle air bag as defined in claim 21, wherein the aqueous solution further comprises a plasticizer.

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34. (New) A vehicle air-bag as defined in claim 33, wherein the aqueous solution further comprises a surfactant.